

IN THE CLAIMS

Presented below is a complete list of claims with changes marked up:

1. (Currently Amended) A package comprising:

a substrate having a plurality of traces in one area on a surface of the substrate, each of the plurality of traces having first and second ends, the first ends of the plurality of traces located at a first side of the area of the substrate and second ends of the plurality of traces located at a second side of the area opposite the first side;

a plurality of wires coupling the plurality of traces to form a coil to electrically isolate at least two circuit components, the coil being formed by having each of the plurality of wires coupling a first end of one trace of the plurality of traces to a second end of another of the plurality of traces located adjacent to the one trace, the coil formed having a first end and a second end; and

a resistor, on the surface of the substrate, coupled to the first end of the coil; and

a transmission line coupled to the second end of the coil, wherein the coil electrically isolates the resistor from the transmission line.

2. (Original) The package of claim 1 wherein the plurality of traces are substantially parallel to each other.

3. (Canceled)

4. (Original) The package of claim 1 wherein the traces are welded to the wires.

5. (Original) The package of claim 1 wherein the traces have a length of 2 mm and a pitch of 1 mm.

6 – 15. (Canceled)

16. (Currently Amended) A package comprising:

a substrate;

a coil to electrically isolate at least two circuit components, the coil including a first end, a second end, a plurality of traces on a surface of the substrate, and a plurality of wire bonds, each wire bond coupling one trace to another trace, wherein a magnetic field is created when current flows through the coil; ~~and~~

a resistor, on the surface of the substrate, coupled to the first end of the coil; and

a transmission line coupled to the second end of the coil, wherein the coil electrically isolates the resistor from the transmission line.

17. (Currently Amended) A package comprising:

a substrate;

a plurality of traces on a surface of the substrate;

a plurality of wires, each wire coupling a first trace of the plurality of traces to a second trace of the plurality of traces to form a coil to electrically isolate at least two circuit components, the coil having a first end and a second end; ~~and~~

a resistor, on the surface of the substrate, coupled to the first end of the coil; and

a transmission line coupled to the second end of the coil, wherein the coil electrically isolates the transmission line from the resistor.

18. (Previously Presented) The package of claim 1, wherein the traces are wire-bonded to the wires.

19. (New) The package of claim 1, wherein the resistor is part of a direct current (DC) circuit.

20. (New) The package of claim 16, wherein the resistor is part of a direct current (DC) circuit.

21. (New) The package of claim 17, wherein the resistor is part of a direct current (DC) circuit.